

Abstract

A resistor 8 for dividing a voltage applied to an anti-parallel diode pair 5 for mixing a DC pulsed signal and a local oscillation signal LO is disposed in pulse modulation
5 circuitry. Therefore, the ratio of the output power of an RF pulsed signal outputted to an RF pulse output terminal 7 at the time of the ON state and the output power at the time of the OFF state can be increased.